

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050188

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F16L23/024 C23C14/34 C23C14/35 H01J37/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F16L C23C H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 106 893 A (UNAXIS MATERIALS DEUTSCHLAND G) 13 June 2001 (2001-06-13) cited in the application column 5, line 20 – line 29 column 6, line 50 – column 7, line 11; figure 3 -----	1,3, 8-11,15
A	column 5, line 20 – line 29 column 6, line 50 – column 7, line 11; figure 3 -----	2,4
X	US 5 591 314 A (MORGAN STEVEN V ET AL) 7 January 1997 (1997-01-07) cited in the application column 1, line 8 – line 11 column 5, line 48 – column 6, line 4; figures ----- -/-	1-6, 10-14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

12 July 2004

Date of mailing of the international search report

26/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 092 109 A (SINVACO N V) 18 April 2001 (2001-04-18) cited in the application column 1, line 5 – line 8 column 3, line 52 – column 7, line 36; figures _____	1-4, 15
A		7, 8, 10, 11, 14

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